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| <b>PATENT APPLICATION FEE DETERMINATION RECORD</b><br>Substitute for Form PTO-875                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                               |              |                                    |               |          | Application or Pocket Number<br><div style="font-size: 1.5em; font-family: cursive;">10/678/112</div> |                     |                               |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------|---------------|----------|-------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|---------------------|
| <b>APPLICATION AS FILED – PART I</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| (Column 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                               | (Column 2)   |                                    | SMALL ENTITY  |          | OR<br>OTHER THAN SMALL ENTITY                                                                         |                     |                               |                     |
| FOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NUMBER FILED                                                                                                                                                                                                                  | NUMBER EXTRA |                                    | RATE (\$)     | FEE (\$) | RATE (\$)                                                                                             | FEE (\$)            |                               |                     |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| SEARCH FEE<br>(37 CFR 1.16(k), (i), or (m))                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (q))                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| TOTAL CLAIMS<br>(37 CFR 1.16(i))                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | minus 20 =                                                                                                                                                                                                                    | *            |                                    | X             | =        | X                                                                                                     | =                   |                               |                     |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | minus 3 =                                                                                                                                                                                                                     | *            |                                    | X             | =        | X                                                                                                     | =                   |                               |                     |
| APPLICATION SIZE FEE<br>(37 CFR 1.16(s))                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| * If the difference in column 1 is less than zero, enter "0" in column 2.                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                               |              |                                    | TOTAL         |          | TOTAL                                                                                                 |                     |                               |                     |
| <b>APPLICATION AS AMENDED – PART II</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| (Column 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                               | (Column 2)   |                                    | (Column 3)    |          | SMALL ENTITY                                                                                          |                     | OR<br>OTHER THAN SMALL ENTITY |                     |
| AMENDMENT A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CLAIMS REMAINING AFTER AMENDMENT                                                                                                                                                                                              |              | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |          | RATE (\$)                                                                                             | ADDITIONAL FEE (\$) | RATE (\$)                     | ADDITIONAL FEE (\$) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Total<br>(37 CFR 1.16(i))                                                                                                                                                                                                     | * 39         | Minus                              | ** 190        | =        | X                                                                                                     | =                   | X                             | =                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Independent<br>(37 CFR 1.16(h))                                                                                                                                                                                               | * 9          | Minus                              | *** 30        | =        | X                                                                                                     | =                   | X                             | =                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Application Size Fee (37 CFR 1.16(s))                                                                                                                                                                                         |              |                                    |               |          |                                                                                                       |                     |                               |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| (Column 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                               | (Column 2)   |                                    | (Column 3)    |          | SMALL ENTITY                                                                                          |                     | OR<br>OTHER THAN SMALL ENTITY |                     |
| AMENDMENT B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CLAIMS REMAINING AFTER AMENDMENT                                                                                                                                                                                              |              | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |          | RATE (\$)                                                                                             | ADDITIONAL FEE (\$) | RATE (\$)                     | ADDITIONAL FEE (\$) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Total<br>(37 CFR 1.16(i))                                                                                                                                                                                                     | *            | Minus                              | **            | =        | X                                                                                                     | =                   | X                             | =                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Independent<br>(37 CFR 1.16(h))                                                                                                                                                                                               | *            | Minus                              | ***           | =        | X                                                                                                     | =                   | X                             | =                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Application Size Fee (37 CFR 1.16(s))                                                                                                                                                                                         |              |                                    |               |          |                                                                                                       |                     |                               |                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |
| (Column 1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                               | (Column 2)   |                                    | (Column 3)    |          | SMALL ENTITY                                                                                          |                     | OR<br>OTHER THAN SMALL ENTITY |                     |
| TOTAL ADD'L FEE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                               |              |                                    |               |          | TOTAL ADD'L FEE                                                                                       |                     | TOTAL ADD'L FEE               |                     |
| <div style="font-size: 0.8em;">           * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.<br/>           ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".<br/>           *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".<br/>           The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.         </div> |                                                                                                                                                                                                                               |              |                                    |               |          |                                                                                                       |                     |                               |                     |

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.